

CONFIDENTIAL31662
Classified 29 Dec 61

REQUEST FOR EQUIPMENT EVALUATION		REQUEST NO.	PROJECT NO.
		PRIORITY CLASS	DATE
NOMENCLATURE			
AC Power Supply for the AS-3, AP-3A			
MANUFACTURER			
MODEL		PRICE	Production
Engineering		(25,000)	\$450.00
TYPE OF EVALUATION			
<input checked="" type="checkbox"/> CLASS A (Complete A & A)	<input type="checkbox"/> CLASS C (General)		
<input type="checkbox"/> CLASS B (Partial A & A)	<input type="checkbox"/> CLASS D (Operational)		
OTHER			
<input checked="" type="checkbox"/> REPORT NEEDED BY (Date)	21 June 1962	5	NO. OF COPIES REQUIRED
SECURITY CLASSIFICATION			
EQUIPMENT		REPORT	
<input type="checkbox"/> SECRET	<input type="checkbox"/> CONFIDENTIAL <input checked="" type="checkbox"/> UNCLASS.	<input type="checkbox"/> SECRET	<input type="checkbox"/> CONFIDENTIAL <input checked="" type="checkbox"/> UNCLASS.
PURPOSE OF EVALUATION			
To determine how closely the contractor has met the requirements of the specification, No. 61-A-1130-A. Disregard requirements for PS-10 in the specification.			
Return equipment to OC-E/R&D-EP.			
FOR CLASS B (Specify tests required)			
ORIGINAL CL BY <u>235979</u>		DOCUMENT NO. _____	
<input type="checkbox"/> DECL <input checked="" type="checkbox"/> REVW ON <u>2010</u>		NO CHANGE IN CLASS. <input type="checkbox"/>	
EXT BYND G YRS BY <u>SAME</u>		<input type="checkbox"/> DECLASSIFIED	
REASON <u>3 d (3)</u>		CLASS. CHANGED TO: TS S <u>© 2010</u>	
		NEXT REVIEW DATE: _____	
		AUTH: <u>HR 702</u>	
		DATE: <u>10 DEC 1980</u> REVIEWER: <u>064540</u>	
GENERAL REQUIREMENTS			
PROPOSED USE OR OPERATION			
To power the AS-3 when power mains are available.			
GEOGRAPHIC AREA OF PROPOSED USAGE			
Worldwide		This document is part of an integrated file. If separated from the file it must be subjected to individual systematic review.	
SPECIFIC REQUIREMENTS			
TEMPERATURE	HUMAN		
See Spec	See Spec		
CLIMATE	OTHER		
See Spec			
REQUESTING DIVISION		PERFORMING DIVISION	
DATE		DATE	APPROVED BY
DATE		DA PROJECT OFFICER	
5/24/62			

50X1

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TYPE OF EVALUATION EXPLANATION

- CLASS A
- (1) ANALYSIS OF SUITABILITY OF CIRCUITS SELECTED TO PERFORM VARIOUS FUNCTIONS
 - (2) RECOMMENDATIONS FOR IMPROVEMENT OF CIRCUIT DESIGN AND/OR INCORPORATION OF MORE SUITABLE COMPONENTS
 - (3) FLEXIBILITY OF SYSTEM FEATURES
 - (4) ANALYSIS OF PROBABLE RELIABILITY OF OPERATION
 - (5) ANALYSIS OF FORM FACTOR OF UNITS OF SYSTEM WHERE APPLICABLE
 - (6) EVALUATION OF RELATIVE EASE OF MAINTENANCE AND SERVICING
 - (7) EVALUATION OF POSSIBLE METHODS OF FURTHER SIZE AND WEIGHT REDUCTION WHERE THIS IS AN IMPORTANT FACTOR
 - (8) ANALYSIS OF IMMUNITY TO FUNGUS, CORROSION, DUST, WATER IMMERSION, ETC.
 - (9) ANALYSIS OF COMPLEXITY OF OPERATION AND RELATIVE DEGREE OF OPERATOR SKILL REQUIRED
 - (10) ANALYSIS OF OPERATIONAL SUITABILITY FOR KNOWN TYPES OF FIELD STATION OR BASE STATION EMPLOYMENT
 - (11) COMPARISON WITH OTHER KNOWN SYSTEMS, DEVICES OR COMPONENTS OF SYSTEMS DESIGNED FOR SIMILAR FUNCTIONS
- CLASS B - THIS TYPE EVALUATION INCLUDES THE TEST AND EVALUATION OF ONLY THOSE CHARACTERISTICS OF A SYSTEM, DEVICE OR COMPONENT OF A SYSTEM WHICH ARE SPECIFIED BY THE REQUESTING INDIVIDUAL OR OFFICE. THE CONCLUSIONS AND RECOMMENDATIONS MAY INVOLVE ANY OF THE LISTED CATEGORIES UNDER THE CLASS "A" EVALUATION DESCRIBED ABOVE AND IS DEPENDENT UPON THE NATURE OF THE REQUEST.
- CLASS C
- (1) FLEXIBILITY OF SYSTEM FEATURES
 - (2) SUITABILITY OF FORM FACTOR OF UNITS
 - (3) ANALYSIS OF POSSIBLE APPLICATIONS OF ITEM UNDER CONSIDERATION
 - (4) ANALYSIS OF DEGREE OF OPERATOR SKILL REQUIRED
 - (5) COMMENTS ON UNUSUAL OR NOVEL CHARACTERISTICS WHICH MAY BE EVIDENT FROM TESTS, INSPECTION OR CLAIMED BY THE MANUFACTURER
- CLASS D - THE OPERATIONAL EVALUATION PERFORMED INCLUDES THE FOLLOWING INFORMATION:
- I. PHYSICAL
 - (1) DEFECTS, DAMAGES, OMISSIONS IN PACKING NOTED UPON DELIVERY
 - (2) COMPLEXITY OF ASSEMBLY OR DISASSEMBLY
 - (3) MECHANICAL RELIABILITY
 - II. OPERATIONAL
 - (1) COMPLEXITY OF TUNING OR FUNCTIONAL CHANGES
 - (2) ELECTRICAL RELIABILITY
 - (3) OMISSIONS OF FEATURES, I.E.: POOR STABILITY, RESETTABILITY, SELECTIVITY, ETC.
 - III. RECOMMENDATIONS
 - (1) RECOMMENDED OR NOT
 - (2) IF RECOMMENDED, FOR WHAT APPLICATIONS